



Elementary School Redistricting: Recommended Scenarios

Presented by the
Redistricting Committee
January 20, 2021

The Redistricting Team

Shrewsbury School Committee Representatives

- Sandra Fryc, School Committee, Chairperson
- Jon Wensky, School Committee, Vice Chairperson

Parent Representatives

- Terrick Andey, Parent, Beal Early Childhood Center
- Shannon Creedon, Parent, Walter J. Paton School
- Christine Jasinski, Parent, Calvin Coolidge School
- Rajesh Velagapudi, Parent, Floral Street School
- Sanam Zaer, Parent, Spring Street School

The Redistricting Team

Shrewsbury Public Schools Staff

- Joe Sawyer, Superintendent of Schools
- Patrick Collins, Asst. Superintendent for Finance & Operations
- Tiffany Ostrander, Principal, Calvin Coolidge School
- Bryan Mabie, Principal, Spring Street School

AppGeo (Consultant)

- Kate Hickey, Principal in Charge
- Priya Sankalia, Project Manager
- Ashley Tardif, Geospatial Analyst

RLS Demographics (Consultant)

- Bob Scardamalia



Covered Today

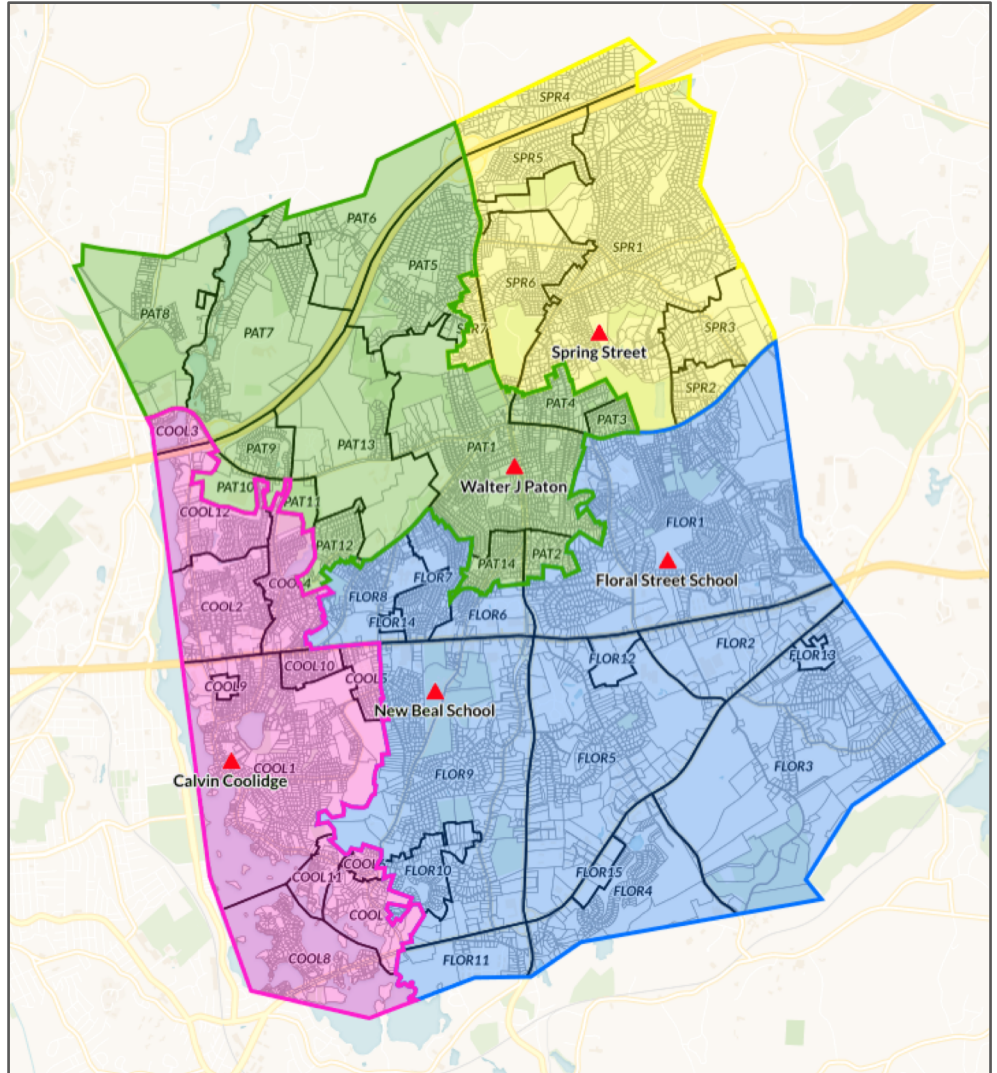
1. Current Elementary Zones and Demographics
2. Recommended Scenarios
 - a. Scenario 18
 - b. Scenario 19
3. Scenario with focus on Socio-Economic Parity
4. Timeline/Next Steps
5. Questions/Feedback



Current Elementary Zones

School	Grade K	Grade 1	Grade 2	Grade 3	Grade 4
"Old" Beal	244	68	0	0	0
Coolidge	39	82	97	118	76
Floral	0	121	174	206	221
Paton	38	82	92	70	88
Spring	41	80	70	79	80

School	K Thru 4	% Reduced Lunch	% White	% Non White	% Mixed Race
"Old" Beal	312	16%	37%	60%	4%
Coolidge	412	32%	53%	39%	8%
Floral	722	15%	42%	54%	4%
Paton	370	11%	72%	24%	3%
Spring	350	7%	65%	29%	6%



Current & Projected (2030) Students

School	Grade K	Grade 1	Grade 2	Grade 3	Grade 4	Total
"Old" Beal	244	68	0	0	0	312
Coolidge	39	82	97	118	76	412
Floral	0	121	174	206	221	722
Paton	38	82	92	70	88	370
Spring	41	80	70	79	80	350
Total	362	433	433	473	465	2166

School	Projected K	Projected Grade 1	Projected Grade 2	Projected Grade 3	Projected Grade 4	Totals
New K						454
Coolidge		95	94	95	93	377
Floral		206	201	196	196	799
Paton		83	90	91	94	358
Spring		75	76	77	78	306
Total	454	459	461	459	461	2294





Recommended Scenarios

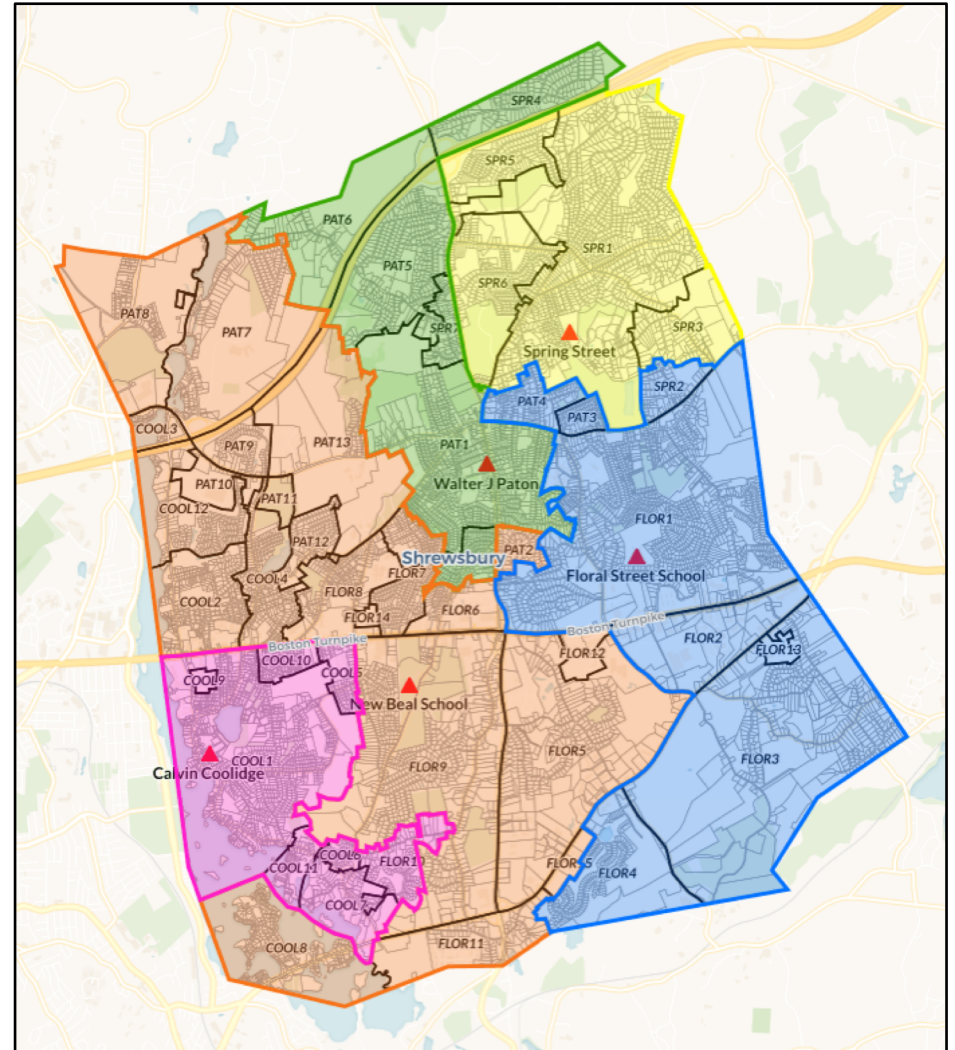
Brief Overview of Scenario 18

- Scenario 18 was one of the five scenarios presented to you and at the Community Forum as part of the “balanced options”. It was described as “balanced” as it strived to fit as many of the Guiding Principles as best as possible.
- In addition to being attentive to all the Guiding Principles to varying degrees, it attempts to allocate students in a way that stays as close as possible to the overall school Target Enrollment both now and when assuming future enrollment growth.

Scenario 18

School	Grade K	Grade 1	Grade 2	Grade 3	Grade 4
Coolidge	46	52	61	76	51
Floral	121	134	114	125	131
Paton	37	62	66	51	75
Spring	50	68	61	71	66
New Beal	108	117	131	150	141

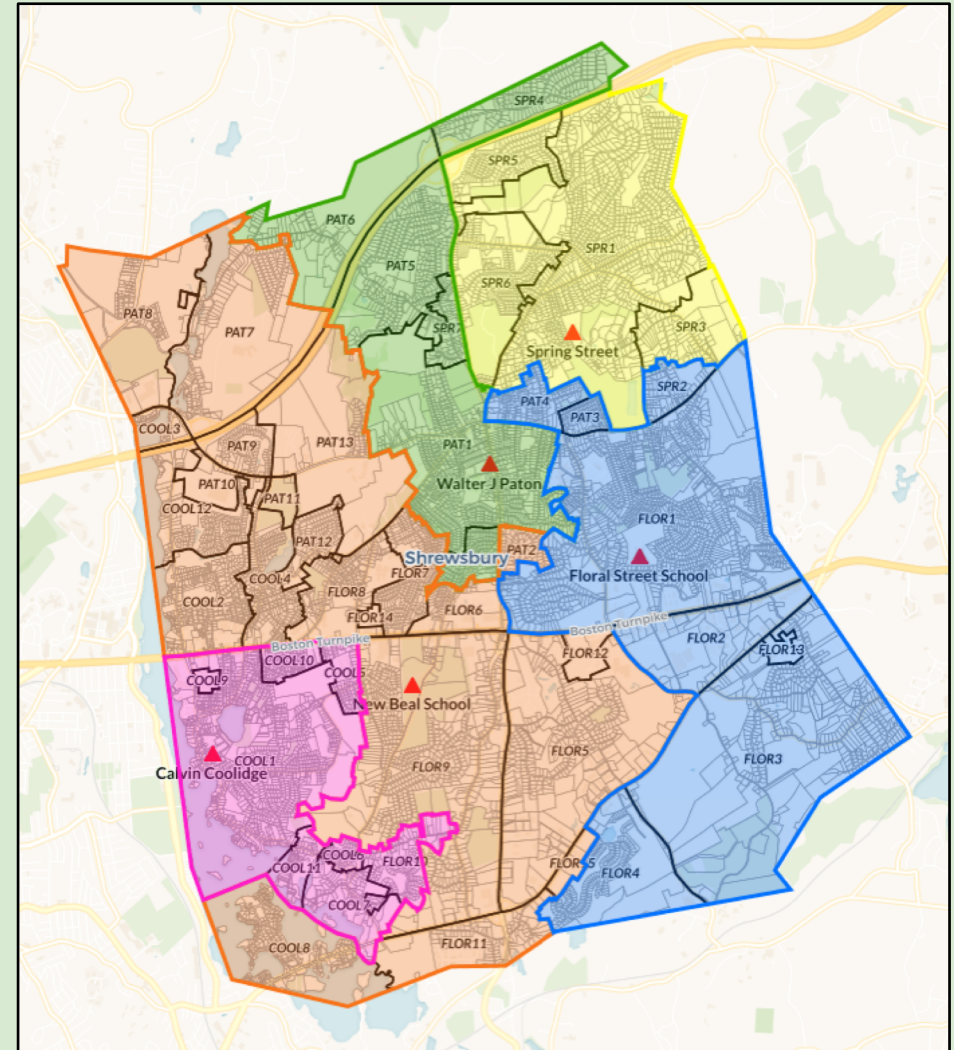
School	Target Enrollment	K Thru 4	% Target Enrollment	% Reduced Lunch	% White	% Non White	% Mixed Race
Coolidge	308	286	93%	34%	55%	37%	8%
Floral	608	625	103%	12%	34%	62%	4%
Paton	308	291	94%	10%	74%	22%	4%
Spring	308	316	103%	7%	65%	29%	6%
New Beal	790	647	82%	20%	52%	43%	5%



Scenario 18

School	Projected Grade K	Projected Grade 1	Projected Grade 2	Projected Grade 3	Projected Grade 4
Coolidge	58	58	61	64	57
Floral	152	145	130	120	117
Paton	46	62	65	63	79
Spring	63	64	66	70	65
New Beal	137	129	140	141	140

School	Target Enrollment	K Thru 4	Projected K Thru 4	% Target Enrollment (+/-10%)	% Projected Target Enrollment (+/-10%)
Coolidge	308	286	298	93%	97%
Floral	608	625	664	103%	109%
Paton	308	291	315	94%	102%
Spring	308	316	328	103%	106%
New Beal	790	647	687	82%	87%



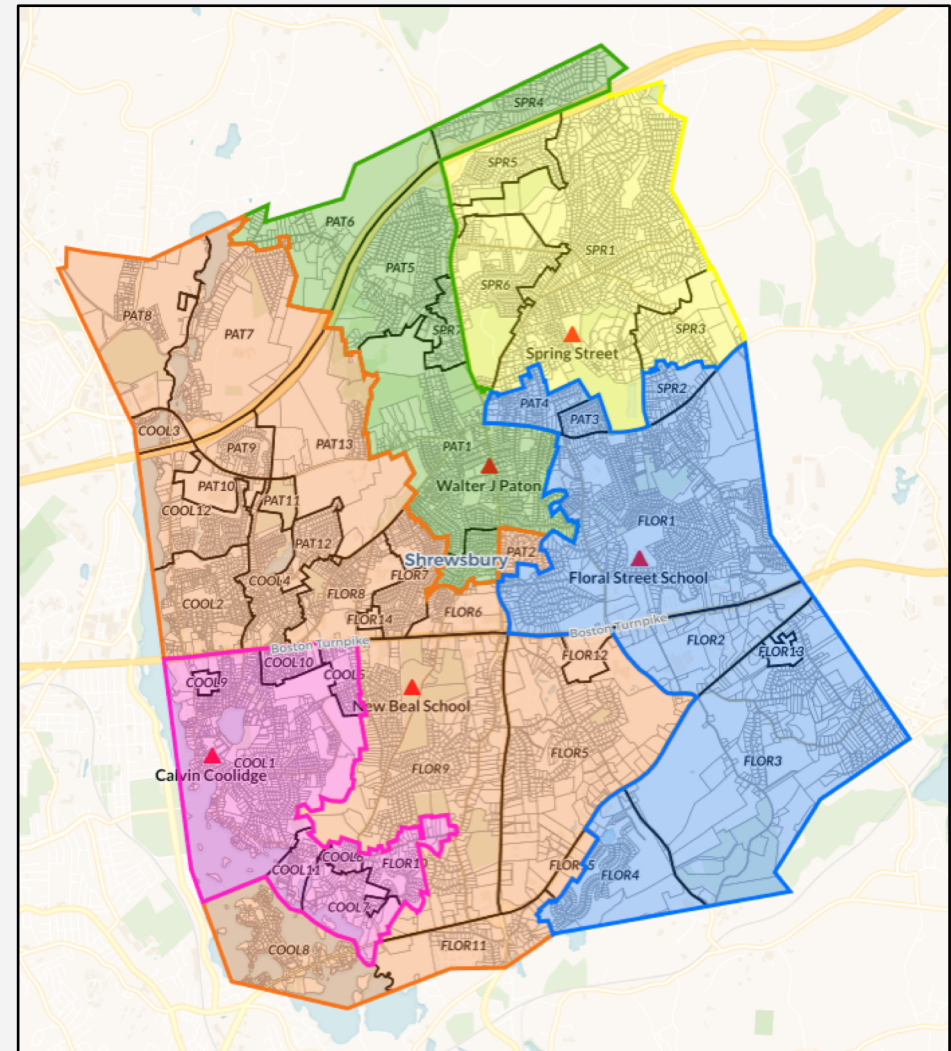
Scenario 18 - Pros & Cons

Pros

- **Minimize Change:** This scenario has one of the least count of students displaced (669) of all scenarios considered
- **Enrollment:** Stays within +/-10% Target Enrollment and leaves room for projected growth in Beal zone
- **Future Development:** Capacity available at New Beal and components with expected developments directed to New Beal
- **Neighborhoods** closest to school generally remain in that school
- **Demographics** more balanced than some other scenarios

Cons

- To achieve enrollment balance some walkers might have to go further to get to school (PAT4 & PAT2)
- Potential longer commute for NW Paton students



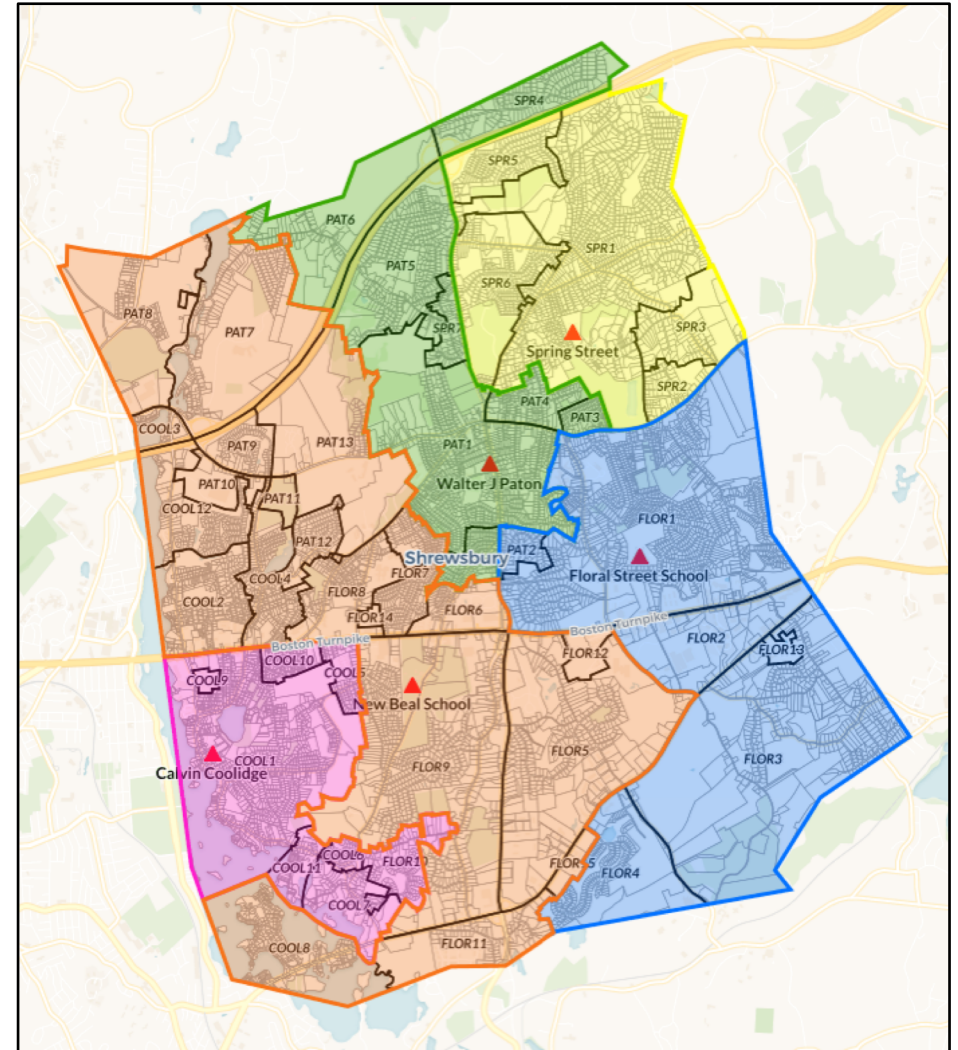
Brief Overview of Scenario 19

- Scenario 19 is an iteration of Scenario 18 and incorporates adjustments based on input from parents who studied the options and made suggestions for improvement.
- Scenario 19 allows more students/neighborhoods to stay in their current elementary zone thereby further “minimizing change.”
- Total current and future school enrollments at Paton and Spring slightly increase and push the enrollment a bit further beyond Target Enrollment.
- Total current and future enrollments at Floral decrease driving it closer to Target Enrollment.

Scenario 19

School	Grade K	Grade 1	Grade 2	Grade 3	Grade 4
Coolidge	46	52	61	76	51
Floral	116	126	107	122	125
Paton	44	66	74	56	81
Spring	51	74	63	73	70
New Beal	105	115	128	146	137

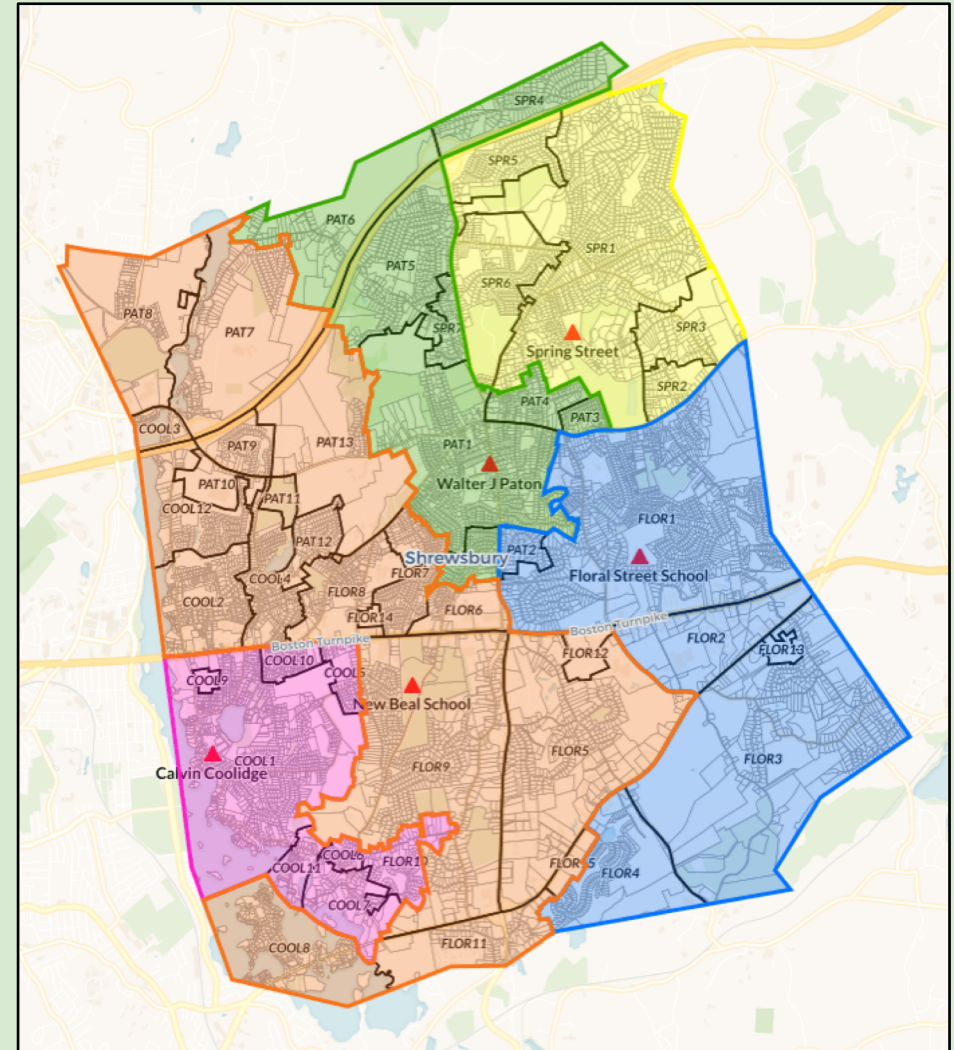
School	Target Enrollment	K Thru 4	% Target Enrollment	% Reduced Lunch	% White	% Non White	% Mixed Race
Coolidge	308	286	93%	34%	55%	37%	8%
Floral	608	596	98%	12%	31%	65%	3%
Paton	308	321	104%	10%	75%	21%	4%
Spring	308	331	107%	6%	65%	29%	6%
New Beal	790	631	80%	20%	52%	43%	5%



Scenario 19

School	Projected Grade K	Projected Grade 1	Projected Grade 2	Projected Grade 3	Projected Grade 4
Coolidge	58	58	61	64	57
Floral	146	137	123	117	111
Paton	55	66	73	69	85
Spring	64	70	68	72	69
New Beal	133	127	137	136	136

School	Target Enrollment	K Thru 4	Projected K Thru 4	% Target Enrollment (+/-10%)	% Projected Target Enrollment (+/-10%)
Coolidge	308	286	298	93%	97%
Floral	608	596	634	98%	104%
Paton	308	321	348	104%	113%
Spring	308	331	343	107%	111%
New Beal	790	631	669	80%	85%



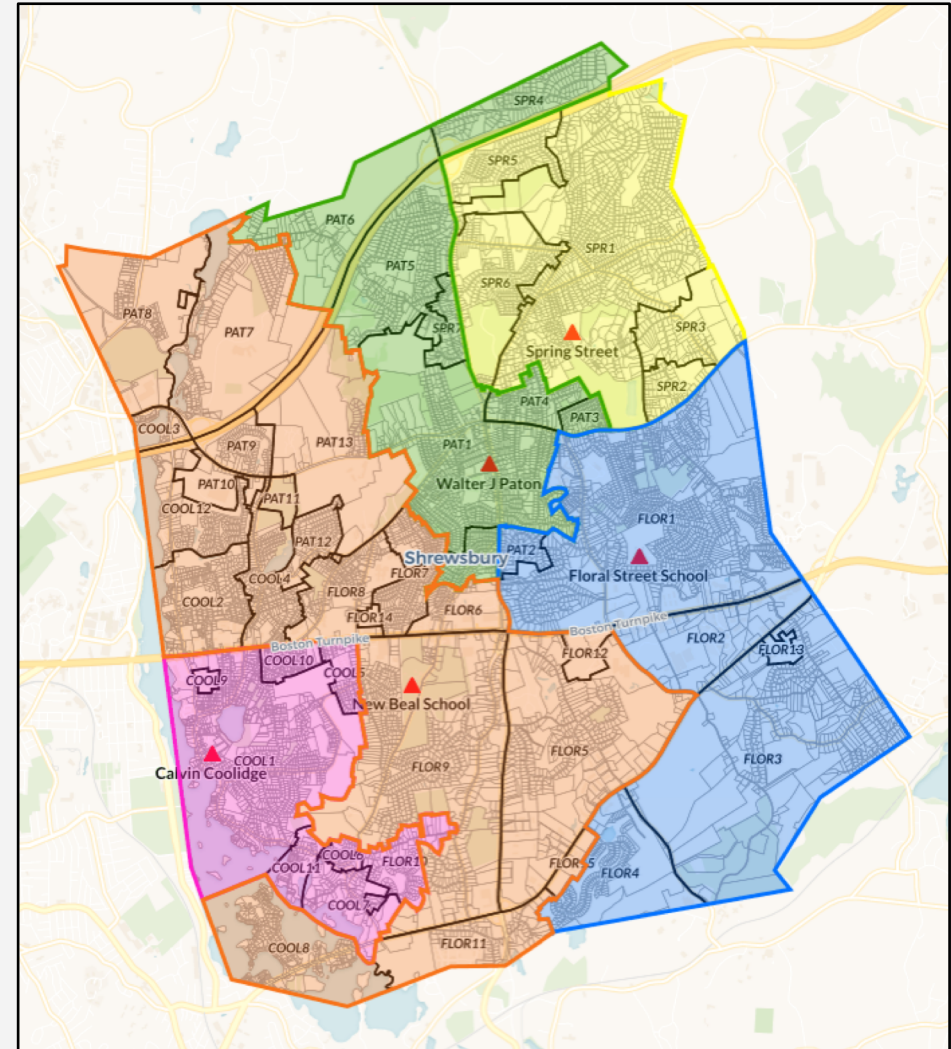
Scenario 19 - Pros & Cons

Pros

- **Minimize Change:** This scenario has the least count of students displaced (**627**) of all scenarios considered
- **Neighborhood:** Accommodated Spring & Paton components closest to the two schools (PAT3 & PAT4 and SPR2) and connects PAT2 more logically to contiguous neighborhood
- **Enrollment:** Allows for growth in Beal and Floral
- **Future Development:** Capacity available at New Beal and components with expected developments directed to New Beal
- **Demographics** more balanced than some other scenarios

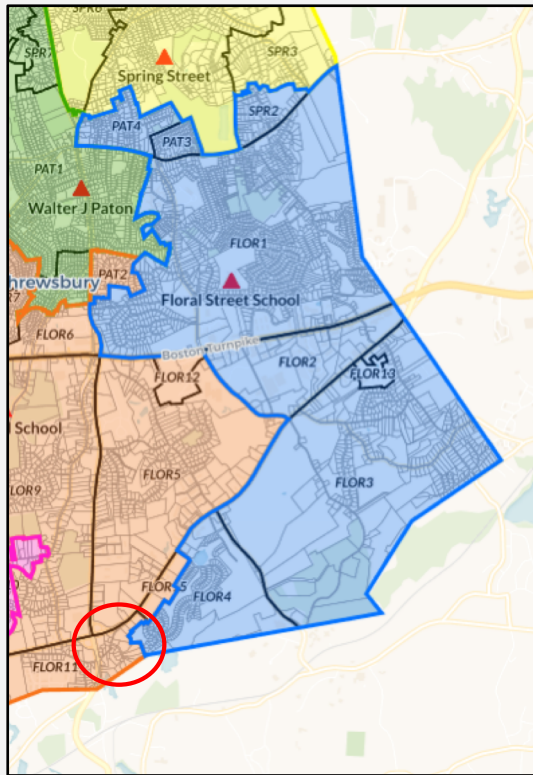
Cons

- Paton & Spring enrollment a little high
- Potential longer commute for NW Paton students



Differences in the Recommended Scenarios

Scenario 18



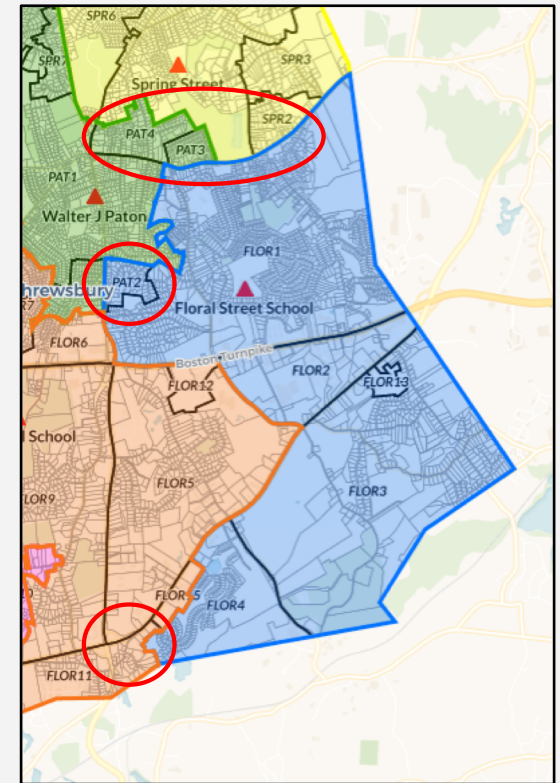
Scenario 18


School	% Target Enrollment (+/-10%)	% Projected Target Enrollment (+/-10%)
Coolidge	93%	97%
Floral	103%	109%
Paton	94%	102%
Spring	103%	106%
New Beal	82%	87%

Scenario 19

School	% Target Enrollment (+/-10%)	% Projected Target Enrollment (+/-10%)
Coolidge	93%	97%
Floral	98%	104%
Paton	104%	113%
Spring	107%	111%
New Beal	80%	85%

Scenario 19



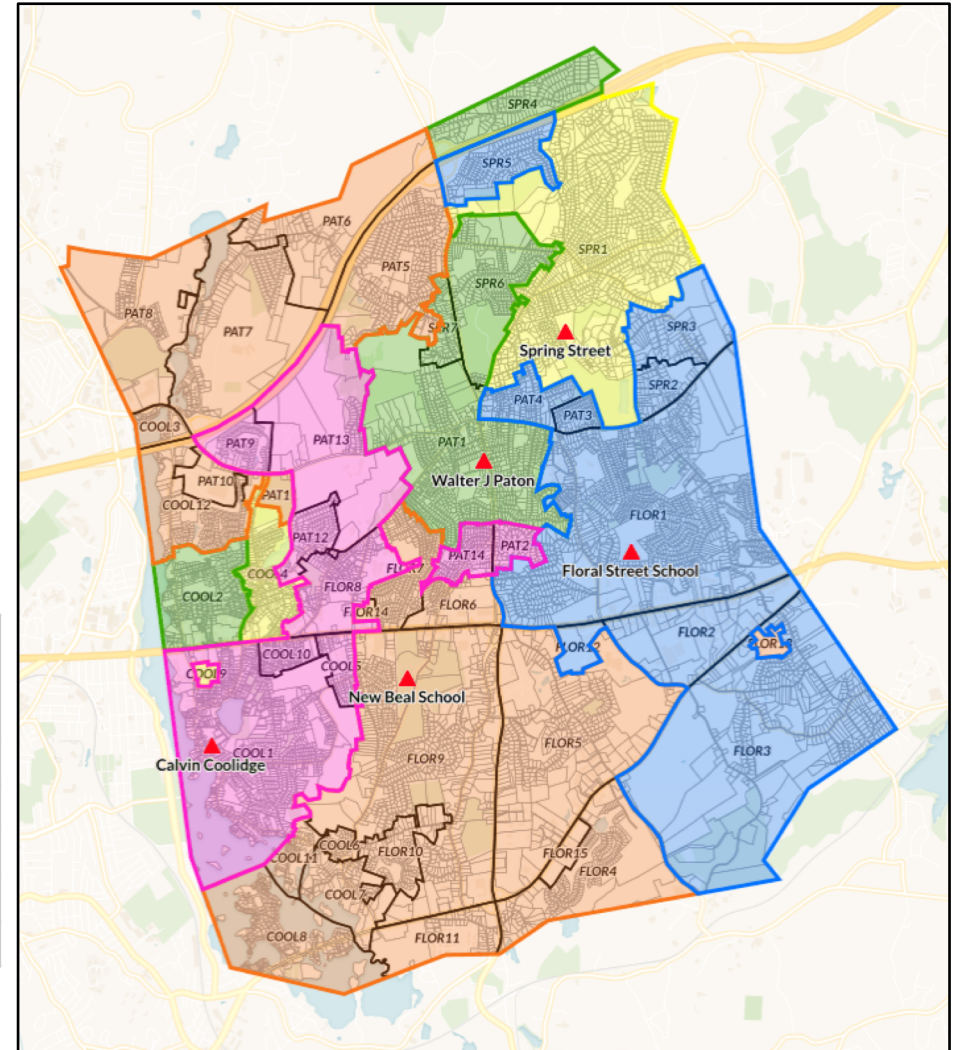


Scenario with
Focus on Socio-
Economic Parity

Scenario 16 with focus on Socio-Economic Parity

School	Grade K	Grade 1	Grade 2	Grade 3	Grade 4
Coolidge	48	58	69	68	61
Floral	121	130	112	119	133
Paton	41	59	60	76	64
Spring	58	69	63	69	62
New Beal	94	117	129	141	144

School	Target Enrollment	K Thru 4	% Target Enrollment	% Reduced Lunch	% White	% Non White	% Mixed Race
Coolidge	308	304	99%	24%	61%	33%	6%
Floral	608	615	101%	12%	40%	56%	4%
Paton	308	300	97%	18%	66%	29%	5%
Spring	308	321	104%	15%	60%	33%	7%
New Beal	790	625	79%	16%	49%	47%	4%

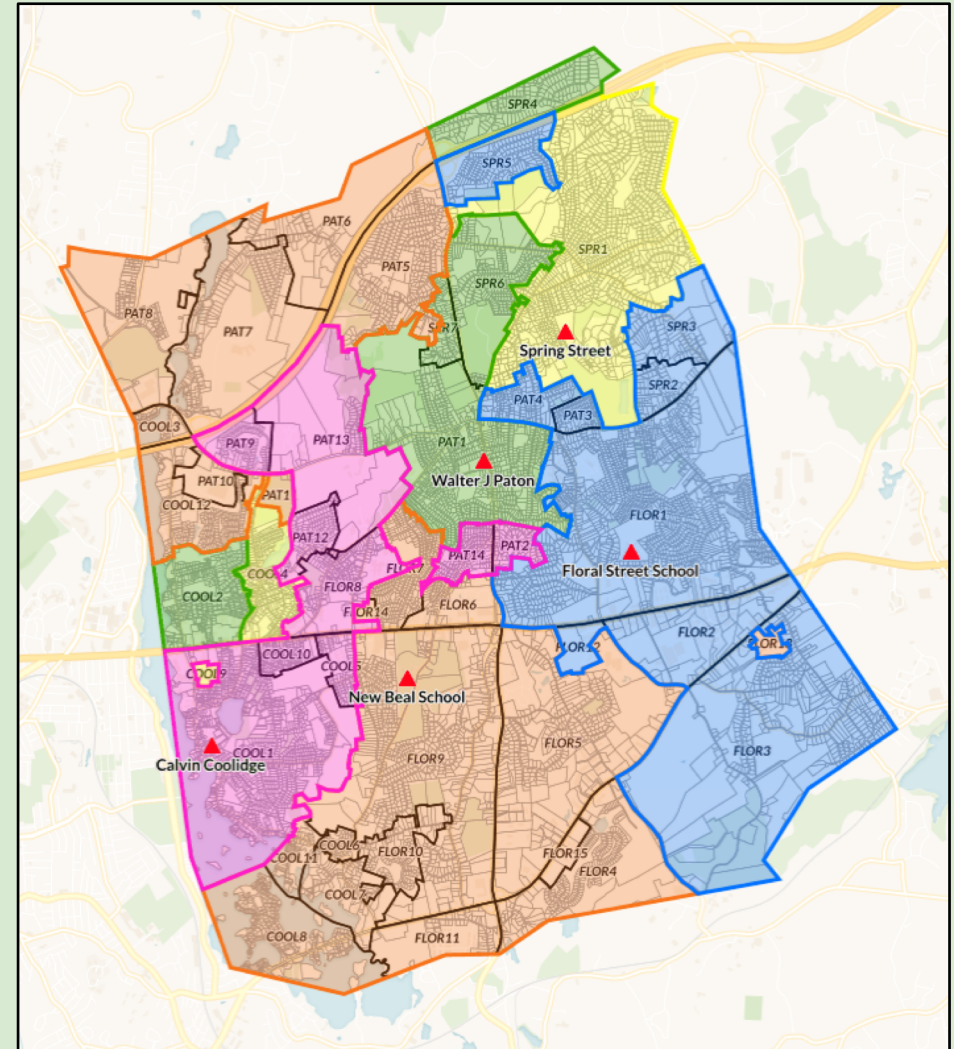


Scenario 16: Focus on Socio-Economic Parity

Projected 2030

School	Projected Grade K	Projected Grade 1	Projected Grade 2	Projected Grade 3	Projected Grade 4
Coolidge	61	63	68	63	68
Floral	152	139	127	114	120
Paton	52	61	59	80	69
Spring	73	70	66	64	64
New Beal	118	125	142	136	137

School	Target Enrollment	K Thru 4	Projected K Thru 4	% Target Enrollment (+/-10%)	% Projected Target Enrollment (+/-10%)
Coolidge	308	304	323	99%	105%
Floral	608	615	652	101%	107%
Paton	308	300	321	97%	104%
Spring	308	321	337	104%	109%
New Beal	790	625	658	79%	83%



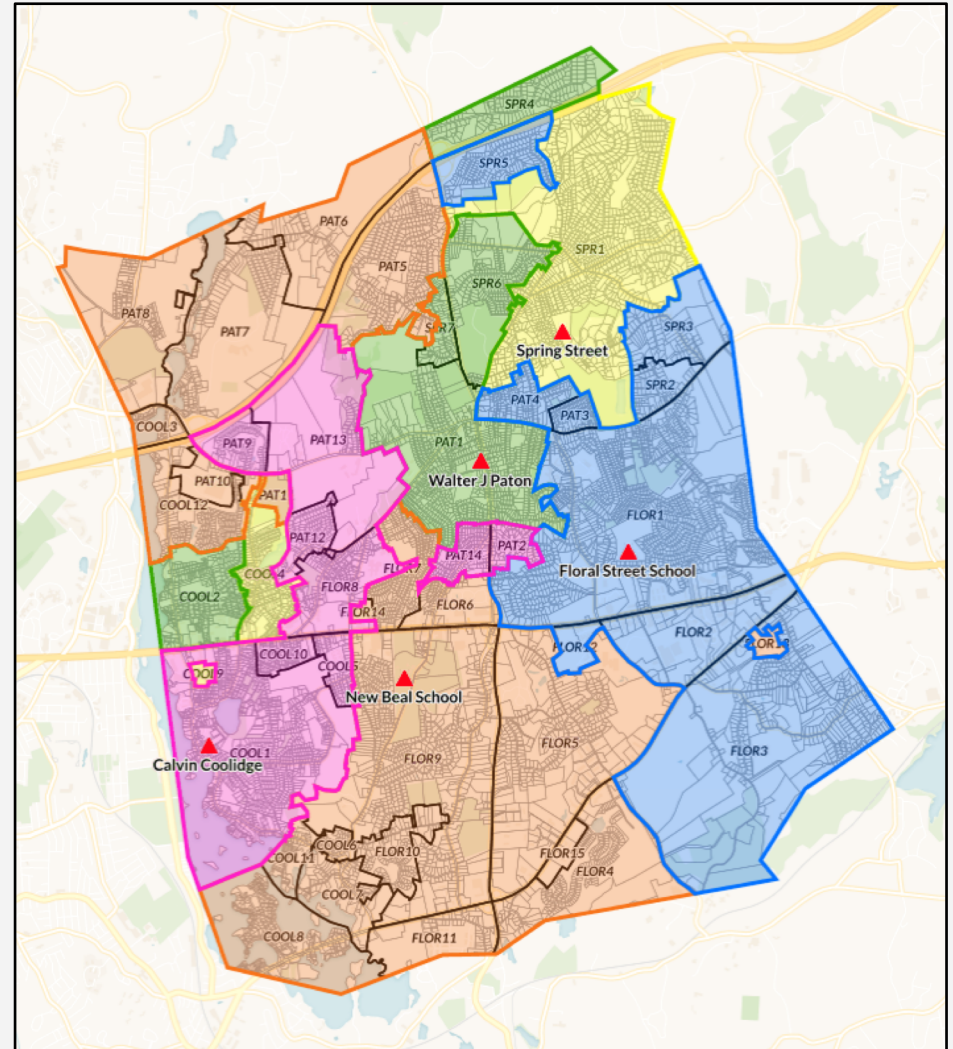
Scenario 16 - Pros & Cons

Pros

- Provides greatest degree of socio-economic parity across elementary schools as measured by students eligible for free/reduced price lunch

Cons

- Creates the largest number of students having to change schools
- Causes longer bus/car rides. May require additional bus assets on annual basis.
- A least fit solution for maintaining neighborhood schools
- Does not have majority support of Redistricting Committee



Comparison of Student Displacement

Scenario	Displaced Students
Scenario 16	965
Scenario 18	669
Scenario 19	627

**Displaced students are defined as those who would be attending a different school than currently. Current 312 Beal students have been excluded from the count as they would be changing schools regardless.*

Additional Comments

- The Redistricting Committee recommends that the School Committee consider Scenarios 18 & 19 as part of your deliberations, leading up to the adoption of one of them as the redistricted elementary school attendance zone assignments upon the opening of the new Beal School.

Timeline/Meeting Schedule

January

- 1/20 Redistricting Committee final recommendation to the School Committee
- 1/27 School Committee public hearing

February

- 2/10 School Committee vote final plan

March-June

- Communicate plan to our parent community

August

- Implement plan as part of 2021-2022 school year re-opening



Questions & Discussion

AppGeo